



3758

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Hiroshi SOTOZAKI et al. :  
Serial No. 09/924,464 : Attn: Application Branch  
Filed August 9, 2001 : Attorney Docket No. 2001\_1104A  
SUBSTRATE CLEANING APPARATUS

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C.7  
11-17-01  
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**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents,  
Washington, DC 20231

Sir:

Please amend the above-identified U.S. patent application as follows:

**IN THE CLAIMS**

Please add new claims 17-21 as follows.

17. (New) A substrate cleaning apparatus comprising:  
a pair of bases <sup>(10)</sup> movable to come close to or to go away from each other;  
a plurality of rollers <sup>(12, 14)</sup> supported on the bases, the rollers gripping periphery of a substrate;  
a substrate <sup>(16)</sup> rotating mechanism to rotate the rollers thereby to rotate the substrate; and  
a scrub-cleaning member <sup>(40)</sup> supported on the bases, the scrub-cleaning member cleaning an  
end face of the substrate.

18. (New) A substrate cleaning apparatus of claim 17, wherein the scrub-cleaning member comprises a cleaning roller which contacts the end of the substrate.